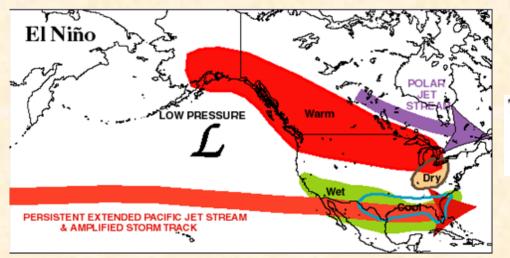
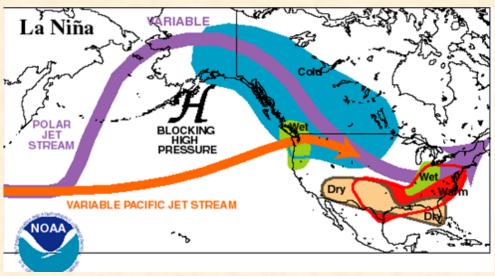


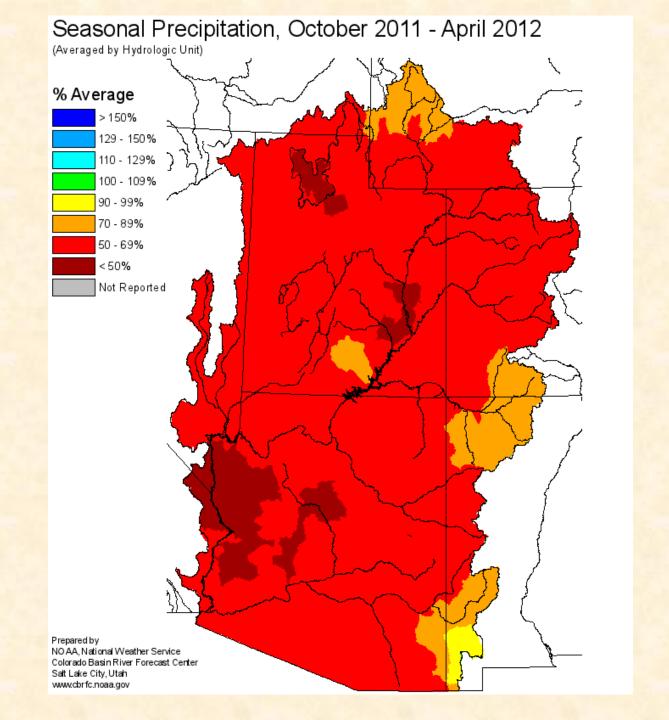
El Nino/La Nina Years/ENSO Neutral?!? Good? Bad?

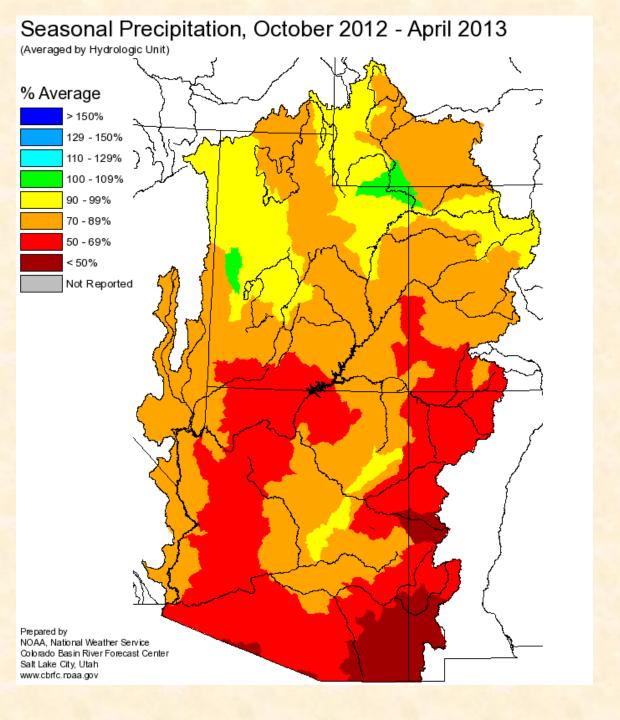


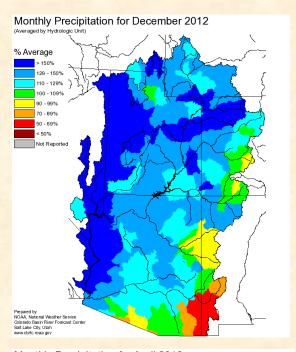
TYPICAL JANUARY-MARCH WEATHER ANOMALIES AND ATMOSPHERIC CIRCULATION DURING MODERATE TO STRONG EL NIÑO & LA NIÑA

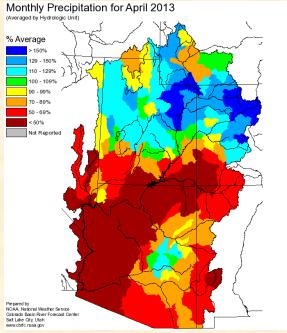


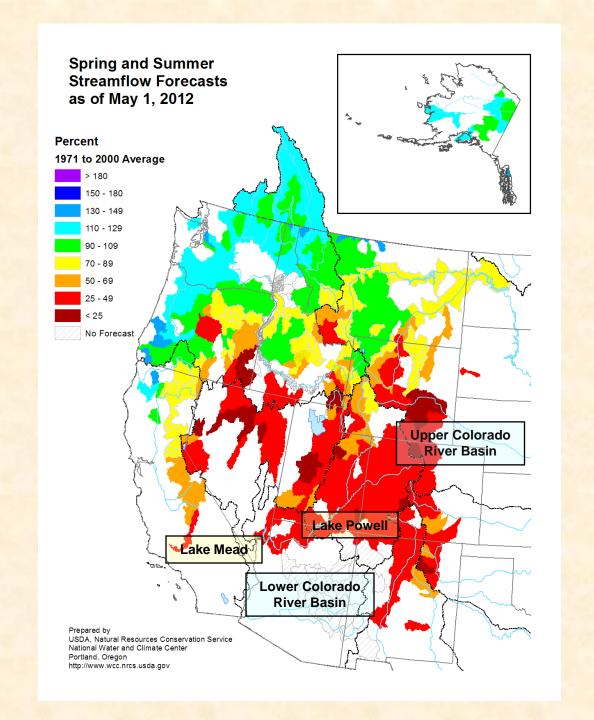
Water Year 2012 - Bad Water Year 2013 - Not Very Good Either!

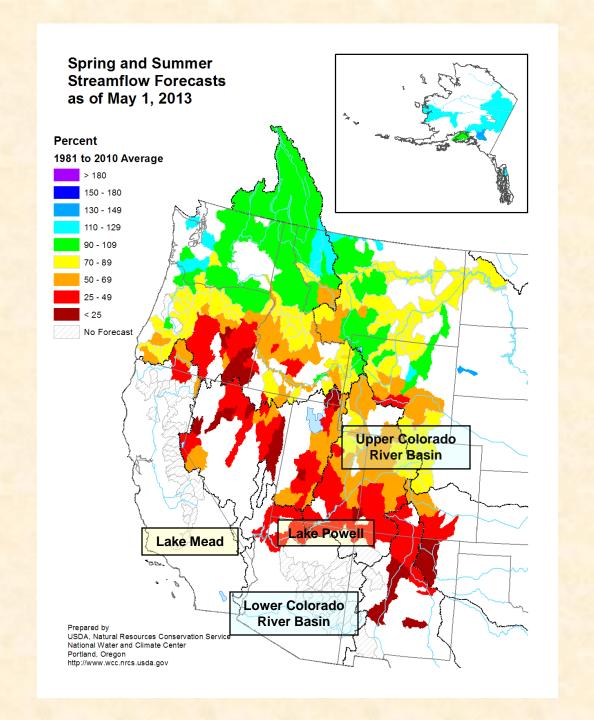


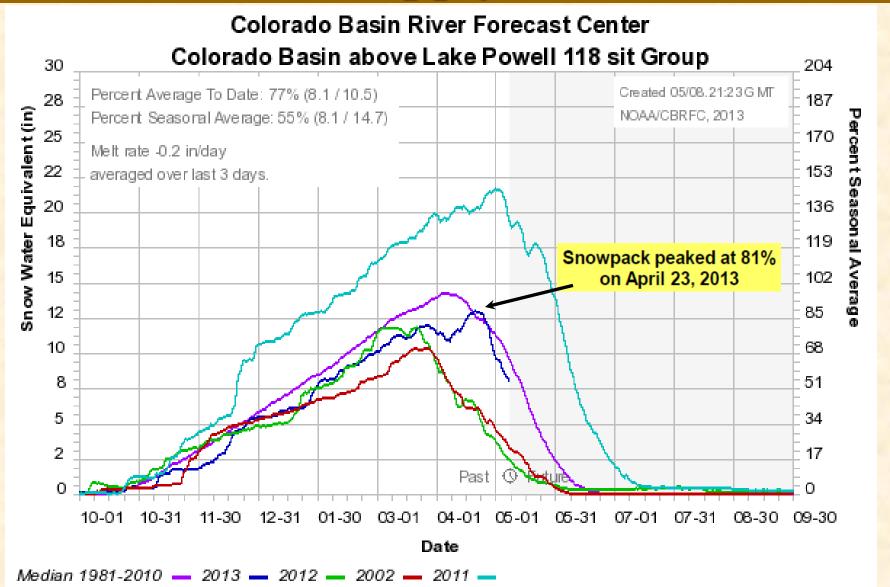






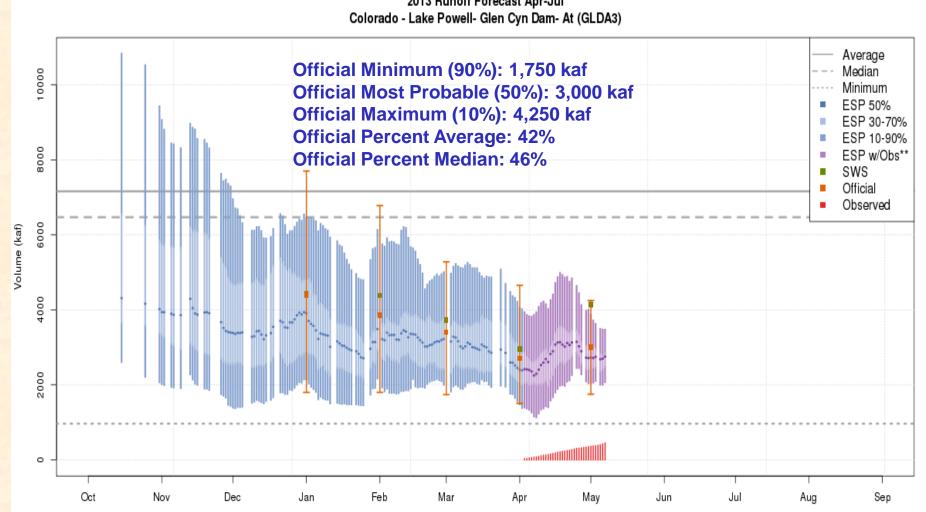






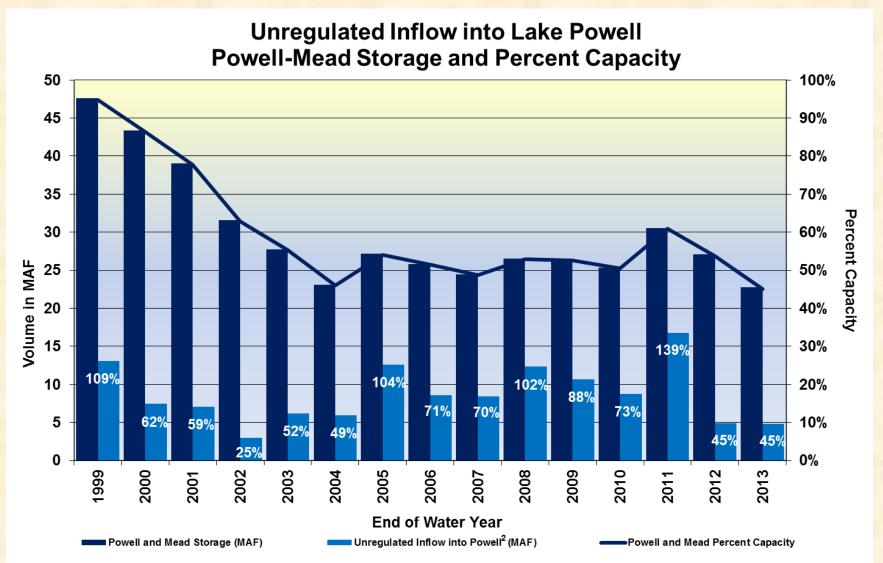
2013 Final Forecast May 2013

2013 Runoff Forecast Apr-Jul



Plot Created 2013-05-08 13:17:22, Lastest ESP Run from Lastest ESP Run from 2013-05-07, CBRFC / NWS / NOAA Maximum of 15316.1 in 1984, Minimum of 964 in 2002, Average/Median for 1981-2010. **These ESP days include observed

State of the System (1999-2013)



¹ Values for water year 2013 are projected. Unregulated inflow is based on the latest CBRFC forecast. Storage and percent capacity are based on the May 2013 24-Month Study.

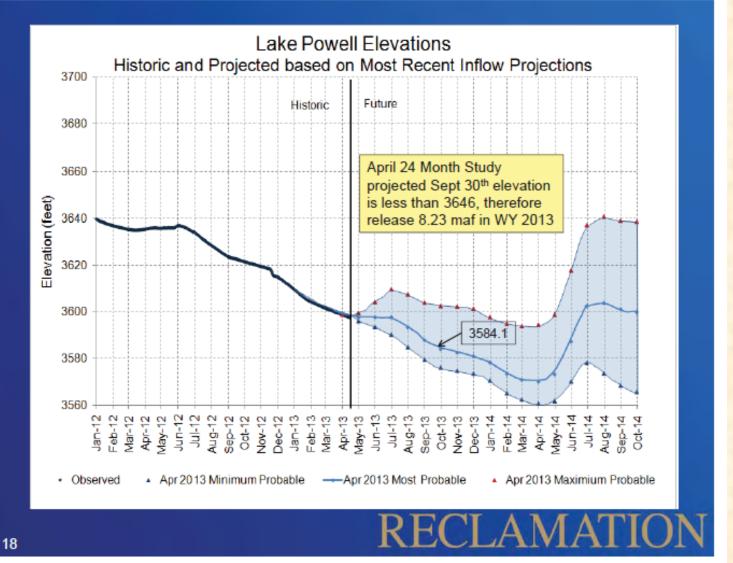
² Percentages at the top of the light blue bars represent percent of average unregulated inflow into Lake Powell for a given water year. Water years 1999-2011 are based on the 30-year average from 1971 to 2000. Water years 2012-2013 are based on the 30-year average from 1981-2010.

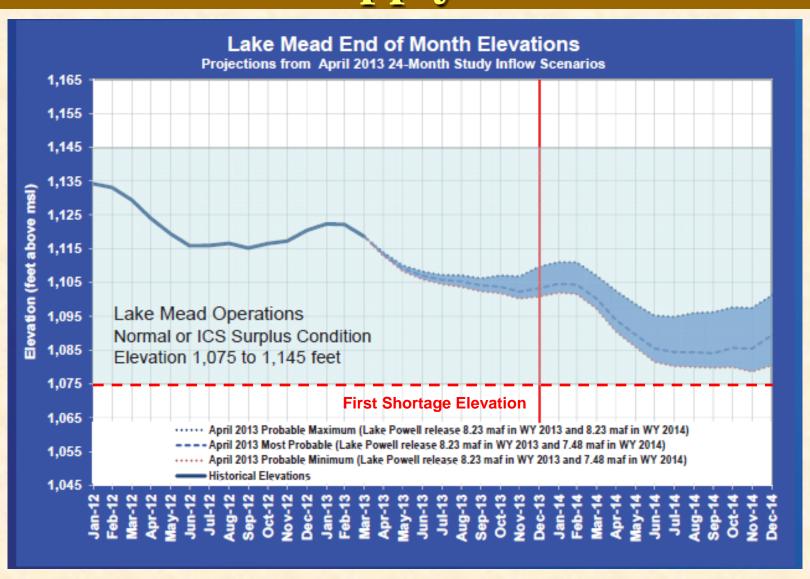
- April to June 2013 Inflow Into Lake Powell 3.0 MAF (42% of Normal)
- Water Year 2013 Inflow Into Lake Powell 4.8 MAF (42% of Normal)
 (Water Year 2011 Inflow into Lake Powell 15.97 MAF [139% of Normal]).
- Water Year 2013 Release from Lake Powell 8.23 MAF Release to the Lower Basin.
- Water Year 2014 Release from Lake Powell <u>could be either 8.23 MAF</u> or 7.48 MAF Release to the Lower Basin. The May 24-month Study indicates that it will be an 8.23 MAF release. Reclamation's August 24-Month Study will determine the final Water Year release from Lake Powell.
- Lake Powell and Lake Mead Storage will generally decline through 2014.

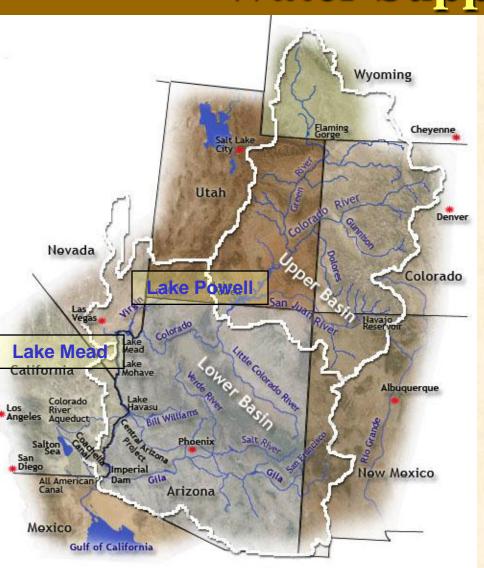
Lake Powell

Key Operational Elevations – Interim Period

			3,711' (100% full)
70		FLOOD POOL Maximum Usable Storage	3,700' (93% full)
		Avoid Spills, Make Equalization Releases Until Lake Mead Reaches Elevation 1,105 Feet or Lake Powell Elevation Is 20 Feet Below Equalization Line, or Release 8.23 MAF	3,666' (74% full)
	Upper Elevation Balancing Tier	Release 8.23 MAF. If Lake Mead Elevation Is Less Than 1,075 Feet, Then Balance Contents With A Minimum/Maximum Release Between 7.0 MAF and 9.0 MAF	3,636' (59% full) 3,575' (36% full)
	Mid Elevation Release Tier	Release 7.48 MAF. If Lake Mead Elevation Is Less Than 1,025 Feet, Then Release 8.23 MAF	3,525' (23% full)
	Lower Elevation Balancing Tier	Balance Contents With A Minimum Power Pool Minimum/Maximum Release Between 7.0 MAF and 9.5 MAF	3,490' (15% full)
		River Outlet Works	3,374' (1% full)
1		Top of Dead Storage	3,370' (0% full)







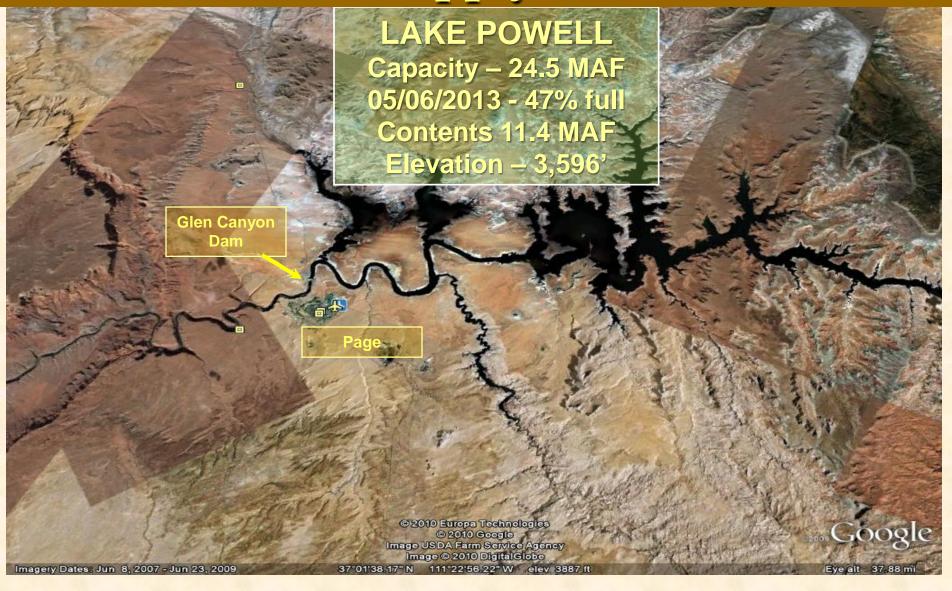
Total Reservoir System Contents:

31.1 MAF or 52%

(As of May 6, 2013)

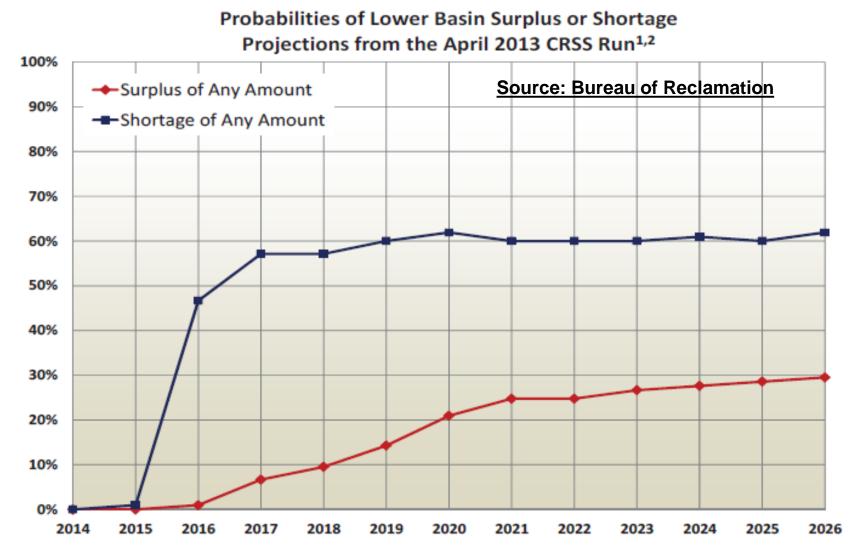
Total Reservoir System Contents Last Year:

37.1 MAF or 62%





Lower Colorado River Basin Chance of a Shortage or Surplus

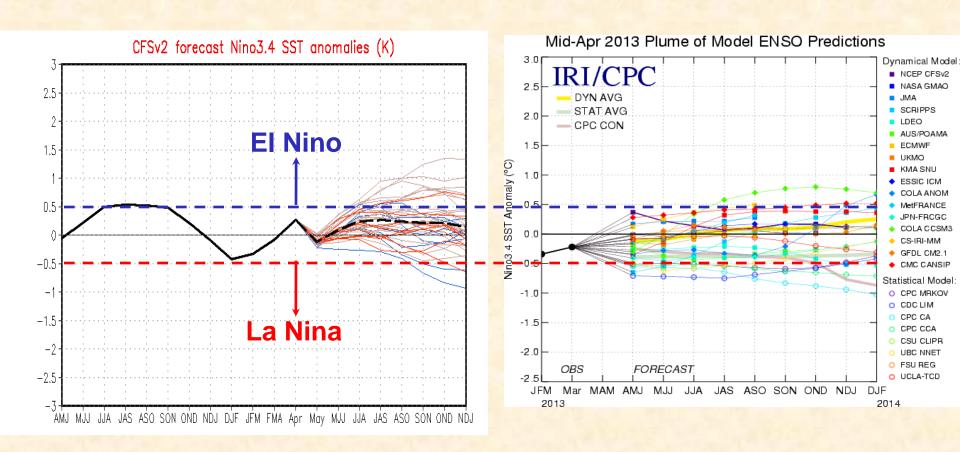


Reservoir initial conditions based on projected levels on December 31, 2013, from the April 2013 24-Month Study.
 Hydrologic inflow traces based on the resampling of the observed natural flow record from 1906-2010.

Lake Mead Key Operational Elevations – Interim Period

		1220' (95% full)
	FLOOD CONTROL OR QUANTIFIED SURPLUS ("70R")	1200' (84% full)
	DOMESTIC SURPLUS	
	NORMAL OPERATIONS	1145' (56% full)
× × × × × × × × × × × × × × × × × × ×		1075' (34% full)
X	400 KAF SHORTAGE (333 KAF to U.S.) (320 KAF to Arizona) Minimum Power Pool and Bottom of First SNWA Intake	1050' (27% full)
***************************************	500 KAF SHORTAGE (417 KAF to U.S.) (400 KAF to Arizona)	1025' (21% full)
***************************************	600 KAF SHORTAGE (500 KAF to U.S.) (480 KAF to Arizona) Bottom of Second SNWA Intake Minimum Mead Intake	1000' (16% full)
	RECONSULTATION Elevation (For Additional Shortages)	915' (2% full)
**************************************	Top of Dead Storage	895' (0% full)

What About Next Year? La Nina Year ?!? El Nino Year ?!? La Nada Year ?!?



What About Next Year? La Nina Year ?!? El Nino Year ?!? La Nada ?!?

